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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/788,427	02/27/2004	Paul Alistair Thomas	684-011708-US (PAR)	6990
2512	7590	03/17/2006	EXAMINER	
PERMAN & GREEN			LA, NICHOLAS T	
425 POST ROAD				
FAIRFIELD, CT 06824			ART UNIT	PAPER NUMBER
			2687	

DATE MAILED: 03/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/788,427	THOMAS ET AL.	
	Examiner Nicholas T. La	Art Unit 2687	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 19 January 2006.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-16 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-16 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 19 January 2006 is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
     1. Certified copies of the priority documents have been received.  
     2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
     3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | Paper No(s)/Mail Date. _____ .  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
|   | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

### ***Response to Amendment***

Applicant's arguments with respect to claims 1-16 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 1-16** are rejected under 35 USC 103(a) as being unpatentable over Jokinen et al. (U.S. Pub. No. 2003/0201983) in view of Mockridge et al. (U.S. Patent 6,876,543).

Regarding **claims 1, 6, 11**, Jokinen et al. discloses a communication device comprising a keymat, a cover, and a substrate comprising a plurality of key switches (Figure 3a, 3b; sections [0008], [0011], [0012], [0032]). The keymat comprises a plurality of lips located at and extending outward from edges of said keymat toward a rim of the cover (Figure 3a, Figure 3c, lips, element 314, extending outwardly from edges of keymat as shown in figure 3a toward the rim of the housing; section [0035]).

and the cover comprises a plurality of indentations (Figure 3c, element 341; section [0035]) to receive plurality of said lips;

Jokinen et al. does not disclose said indentations are located at edges of a recess for removal of mounting said keymat.

In an analogous art, Mockridge et al. discloses a housing assembly for a communication device and method assembling same as Jokinen et al.. Mockridge et al. further teaches a housing with indentations that are located at edges of a recess (see figures 1 6, 7, and 8, col. 4, line 37 to col. 5, line 28). Figure 1 shows an over view of a front and back housing of a cell phone. On the front housing, it shows a plurality of indentations on the edges of the recess of the front housing are to receive lips from the back housing.

Both Jokinen et al. and Mockridge et al. are teaching of improving removable housings in wireless communication devices. Therefore, it would have been obvious to one ordinary skilled in the art at the time of the invention was made to modify Jokinen et al. removable keymat to include indentations that are located at edges of a recess for the purpose stabilizing the present of such one housing onto another housing such as taught by Mockridge et al. in order to improve the stability of a keymat present onto a housing and also makes it easier to remove and replace the keymat with another one.

Regarding claims 2, 7, 12, Mockridge et al. further discloses a front housing comprises one or more guiding pieces, and a rear housing comprises one or more corresponding guiding recesses (see figure 1, col. 5, line 28 to 50). Figure 1 again

confirms that there are guiding pieces 62, 68, 66 that used to guide the assembly of the front and rear housings of the unit.

Regarding **claims 3, 13**, Mockridge et al. further discloses a front housing comprises guiding pieces that are arranged in direct connection to one or more said plurality of lips (see figures 1 and 10, col. 5, line 28 to 50).

Regarding **claims 4, 9, 14**, Mockridge et al. further discloses a front housing comprises one or more guiding recesses like latches 70, 72, and a rear housing comprises one or more corresponding guiding pieces like hooks 66, and 68 (see figures 1 and 11, col. 5, line 28 to 50).

Regarding **claim 5**, Mockridge et al. further discloses a front housing comprises one or more guiding pieces, and a rear housing comprises one or more corresponding guiding recesses so that guiding pieces comprise one or more ribs extending to be received by said guide recesses as shown in figure 11, guide pieces 66, 68 with ribs extending out to be received by guide recesses 70, and 72 (see figures 1 and 11, col. 5, line 28 to 50).

Regarding **claim 8**, Mockridge et al. further discloses a communication device with a housing comprising a recess, wherein said one or more guiding recesses are

arranged in direct connection to one or more of said plurality of indentations (see Figures 1, 6, 7,10, and 11; see Abstract).

Regarding **claim 10**, Mockridge et al. further discloses a communication device with a housing comprising one or more guiding pieces, wherein the guiding pieces have one or more rib on a surface of said housing facing a place where the other housing is to be mounted. Figures 1 and 11 clearly show that the guiding pieces 68 and 66 are having ribs that are facing to where the other housing is to be mounted to (see figures 1, 6, 7,10, and 11, col.5, line 28 to line 50).

Regarding **claim 15**, Mockridge et al. further discloses a communication device with a cover comprising one or more guiding recesses are an incision in a surface that is to be in contact with the other cover when mounted on the other cover. The guiding recess loop 64 as pointed out above is an incision in the top wall of the rear cover and to be mounted to the cantilever arm 62 of the front cover (Figures 1, 6, 10, 11).

Regarding **claim 16**, Mockridge et al. further discloses a communication device with a housing comprising lips that located on the edges of the housing configured to insert into indentations of the other housing that is being moulded in one piece (Figures 1, 2, 6, 7, 10, 11, col. 4, 23 to col. 5, line 50).

***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

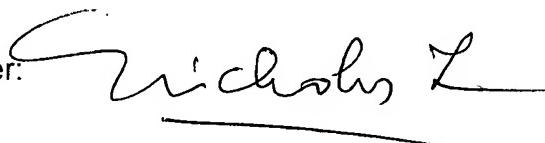
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas T. La whose telephone number is (571)-272-8075. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571)-272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner:



Date: 02/21/2006



NICK CORSARO  
PRIMARY EXAMINER